

Application No.: 10/51

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Docket No.: 09931-00034-US



Pet #2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Philipp Stössel et al.

Application No.: 10/519967

Confirmation No.: @@@

Filed: December 30, 2004

Art Unit: N/A

For: 2,1,3-BENOTHIADIAZOLES AS  
ELECTRONIC ACTIVE COMPONENTS

Examiner: Not Yet Assigned

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

A copy of each reference on the PTO/SB/08 is attached.

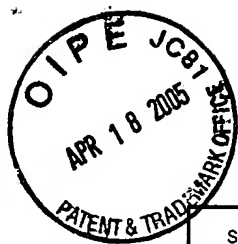
It is believed that no fee is due. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with

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Respectfully submitted,

By   
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PTO/SB/08a/b (08-03)

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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/519967
				Filing Date	December 30, 2004
				First Named Inventor	Philipp Stössel
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	09931-00034-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US-2003/0099785 A1	05-29-2003	O'Neill et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	JP	05222361	08-31-1993	Mitsubishi Kasei Corp.		✓
	BB	JP	2000282024	10-10-2000	Mitsubishi Chemicals Corp.		✓
	BC	JP	2001097949	04-10-2001	Idemitsu Kosan Co Ltd.		✓
	BD	JP	2003104976	04-09-2003	Mitsubishi Chemicals Corp.		✓
	BE	JP	2003265054	09-24-2003	Shimizu Hiroshi		✓

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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	CA	Yamashita et al., "Synthesis and Properties of Benzobis(thiadiazole)s with Nonclassical $\pi$ -Electron Ring Systems", <i>Tetrahedron</i> , Vol. 53, No. 29, pp. 10169-10178 (1997).		
	CB	van Mullekom et al., "Band-Gap Engineering of Donor-Acceptor-Substituted $\pi$ -Conjugated Polymers", <i>Chem. Eur. J.</i> , Vol. 7, No. 4, pp. 1235-1243 (1998).		
	CC	Jayakannan et al., "Synthesis and Structure-Property Relationship of New Donor-Acceptor-Type Conjugated Monomers and Polymers on the Basis of Thiophene and Benzothiadiazole", <i>Journal of Polymer Science: Part A: Polymer Chemistry</i> , Vol. 40, pp. 251-261 (2002).		
	CD	Blanchard et al., "New synthetic strategies towards conjugated NLO-phores and fluorophores", <i>Synthetic Metals</i> , Vol. 119, pp. 527-528 (2001).		
	CE	Kitamura et al., "Design of Narrow-Bandgap Polymers. Syntheses and Properties of Monomers and Polymers Containing Aromatic-Donnor and $\alpha$ -Quinoid-Acceptor Units", <i>Chem. Mater.</i> , Vol. 8, pp. 570-578 (1996).		

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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Application No. (if known): 10/519967

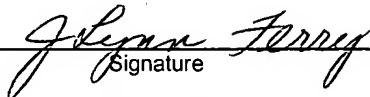
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Fee Transmittal (1 page)  
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